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Subsidiary Body for Scientific and Technol[illegible] Advice
Forty-eighth session
Bonn, 30 April to 10 May 2018

Agenda item 16
Closure of and report on the session

Draft report of the Subsidiary Body for Scientific and Technological Advice on its forty-eighth session

Rapporteur: Mr. Aderito Manuel Fernandes Santana (Sao Tome and Principe)

CONTENTS

(To be completed)

I. Opening of the session
(Agenda item 1)

1. The forty-eighth session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) was held at the World Conference Center Bonn in Bonn, Germany, from 30 April to 10 May 2018.

2. The Chair of the SBSTA, Mr. Paul Watkinson (France), opened the session on Monday, 30 April, and welcomed all Parties and observers. He also welcomed Ms. Annela Anger-Kraavi (Estonia) as Vice-Chair of the SBSTA and Mr. Aderito Manuel Fernandes Santana (Sao Tome and Principe) as Rapporteur.

II. Organizational matters
(Agenda item 2)

Adoption of the agenda
(Agenda sub-item 2(a))

3. At its 1st meeting, on 30 April, the SBSTA considered a note by the Executive Secretary containing the provisional agenda and annotations (FCCC/SBSTA/2018/1).

4. At the same meeting, the agenda was adopted as follows:

1. Opening of the session.

2. Organizational matters:

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(a) Adoption of the agenda;

(b) Organization of the work of the session;

(c) Election of officers other than the Chair;

(d) Mandated events.

3. Nairobi work programme on impacts, vulnerability and adaptation to climate change.

4. Report of the Adaptation Committee.[1]

5. Development and transfer of technologies: technology framework under Article 10, paragraph 4, of the Paris Agreement.

6. Research and systematic observation.

7. Local communities and indigenous peoples platform.

8. Koronivia joint work on agriculture.

9. Impact of the implementation of response measures:

(a) Improved forum and work programme;

(b) Modalities, work programme and functions under the Paris Agreement of the forum on the impact of the implementation of response measures;

(c) Matters relating to Article 2, paragraph 3, of the Kyoto Protocol.

10. Methodological issues under the Convention:

(a) Revision of the UNFCCC reporting guidelines on annual inventories for Parties included in Annex I to the Convention;

(b) Guidelines for the technical review of information reported under the Convention related to greenhouse gas inventories, biennial reports and national communications by Parties included in Annex I to the Convention;

(c) Emissions from fuel used for international aviation and maritime transport.

11. Methodological issues under the Kyoto Protocol: land use, land-use change and forestry under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and under the clean development mechanism.

12. Matters relating to Article 6 of the Paris Agreement:

(a) Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement;

(b) Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement;

(c) Work programme under the framework for non-market approaches referred to in Article 6, paragraph 8, of the Paris Agreement.

13. Modalities for the accounting of financial resources provided and mobilized through public interventions in accordance with Article 9, paragraph 7, of the Paris Agreement.

14. Cooperation with other international organizations.

15. Other matters.

16. Closure of and report on the session.

[1] Matters referred to in paragraphs 41, 42 and 45 of decision 1/CP.21.

III. Reports on agenda items 2(b) to 15

(To be completed)

IV. Closure of and report on the session

(Agenda item 16)

5. At its xx meeting, on xx May, the SBSTA considered and adopted the draft report on the session and authorized the Rapporteur, with the assistance of the secretariat and under the guidance of the Chair, to complete the report on the session and to make it available to all Parties.

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Bonn, 30 April to 10 May 2018

Agenda item 11
Methodological issues under the Kyoto Protocol: land use, land-use change and forestry under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and under the clean development mechanism

Land use, land-use change and forestry under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and under the clean development mechanism

Draft conclusions proposed by the Chair

The Subsidiary Body for Scientific and Technological Advice (SBSTA) agreed to continue its consideration of this agenda item at SBSTA 50 (June 2019) with a view to recommending draft decisions on this matter in relation to the work programmes referred to in decision 2/CMP.7, paragraphs 6, 7 and 10, for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP) at its fifteenth session (November 2019), and to reporting to the CMP on the outcomes of the work programme referred to in decision 2/CMP.7, paragraph 5, at the same session.

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Agenda item 14
Cooperation with other international organizations

Cooperation with other international organizations

Draft conclusions proposed by the Chair

The Subsidiary Body for Scientific and Technological Advice (SBSTA) welcomed the summary of the secretariat's cooperative activities with other intergovernmental organizations since SBSTA 46.[1]

[1] FCCC/SBSTA/2018/INF.2.

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Bonn, 30 April to 10 May 2018

Agenda item 10(a)
Methodological issues under the Convention
Revision of the UNFCCC reporting guidelines on annual inventories for Parties included in Annex I to the Convention

Revision of the UNFCCC reporting guidelines on annual inventories for Parties included in Annex I to the Convention

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) continued its consideration of this matter. It welcomed the information submitted by Parties on their experience of and views on reporting on harvested wood products.[1]

2. The SBSTA also welcomed the updates provided by Parties on their experience of using the Intergovernmental Panel on Climate Change (IPCC) *2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands* (hereinafter referred to as the Wetlands Supplement) for their greenhouse gas inventory reporting. It encouraged Parties to continue gaining experience in using the Wetlands Supplement for their greenhouse gas inventory reporting.

3. The SBSTA discussed the reporting of carbon dioxide emission and removal estimates relating to harvested wood products, including Parties' experience of reporting those estimates and in linking them with forest land estimates, taking into account the submissions referred to in paragraph 1 above. It noted the importance of the discussions to advancing understanding of the different approaches set out in the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* and the potential implications of the use of different approaches for overestimating or underestimating emissions and removals from harvested wood products.

4. The SBSTA agreed to continue its consideration of this matter at SBSTA 51 (November 2019).

[1] Available at https://unfccc.int/submissions_and_statements.

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Bonn, 30 April to 10 May 2018

Agenda item 10(b)
Methodological issues under the Convention
Guidelines for the technical review of information reported under the Convention related to greenhouse gas inventories, biennial reports and national communications by Parties included in Annex I to the Convention

Guidelines for the technical review of information reported under the Convention related to greenhouse gas inventories, biennial reports and national communications by Parties included in Annex I to the Convention

Draft conclusions proposed by the Chair

1. At the request of the Conference of the Parties,[1] the Subsidiary Body for Scientific and Technological Advice (SBSTA) considered the experience of conducting desk reviews of greenhouse gas (GHG) inventories taking into consideration the relevant conclusions from the meetings of GHG inventory lead reviewers up to 2017.[2]

2. Noting the conclusions from the 15th meeting of GHG inventory lead reviewers,[3] the SBSTA welcomed the information on the improvements in conducting desk reviews and recognized that ensuring a sufficient number of experts for desk reviews has been a challenge for the secretariat.

3. The SBSTA invited Parties to encourage and facilitate the participation of their nominated experts in desk reviews to enable the secretariat to organize desk reviews with the sufficient number of experts and ensure geographical balance in the expert review teams.

4. The SBSTA noted from the conclusions from the meetings of lead reviewers referred to in paragraph 1 above that the organization of desk reviews has benefited from

[1] Decision 13/CP.20, paragraph 15.

[2] The conclusions are available at https://unfccc.int/process/transparency-and-reporting/reporting-and-review-under-the-convention/greenhouse-gas-inventories-annex-i-parties/review-process. The conclusions from the 11th, 12th, 13th and 14th meetings are also annexed to documents FCCC/SBSTA/2014/INF.17, FCCC/SBSTA/2015/INF.9, FCCC/SBSTA/2016/INF.11 and FCCC/SBSTA/2017/INF.8, respectively.

[3] See paragraphs 9–12 of the conclusions, available at http://unfccc.int/files/national_reports/annex_i_ghg_inventories/review_process/application/pdf/ghg-lrs-2018-conclusions_recommendations.pdf.

the actions proposed in those conclusions. The SBSTA invited GHG inventory lead reviewers to continue considering at their meetings the experience of conducting desk reviews and suggesting how to improve the operationalization of the reviews.

5. The SBSTA agreed to continue its consideration of this matter at SBSTA 51 (November 2019).

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Agenda item 10(c)
Methodological issues under the Convention
Emissions from fuel used for international aviation and maritime transport

Emissions from fuel used for international aviation and maritime transport

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) took note of the information received from and results reported by the secretariats of the International Civil Aviation Organization (ICAO) and the International Maritime Organization (IMO),[1,2] and noted the views thereon expressed by Parties in relation to SBSTA 48 agenda item 10 "Methodological issues under the Convention", sub-item (c) "Emissions from fuel used for international aviation and maritime transport".

2. The SBSTA invited the secretariats of ICAO and IMO to continue to report, at future sessions of the SBSTA, on their ongoing work on relevant issues.

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[1] Submissions from ICAO and IMO are available at https://unfccc.int/submissions_and_statements.

[2] A Party raised the concern that the IMO report does not reflect the fact that not all IMO member States joined the consensus on the adoption of the initial IMO strategy on the reduction of greenhouse gas emissions from ships.

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Agenda item 5
Development and transfer of technologies: technology framework under Article 10, paragraph 4, of the Paris Agreement

Development and transfer of technologies: technology framework under Article 10, paragraph 4, of the Paris Agreement

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) continued its deliberations on the elaboration of the technology framework established under Article 10, paragraph 4, of the Paris Agreement.

2. The SBSTA welcomed with appreciation the initial draft of the technology framework[1] prepared by its Chair as requested at SBSTA 47.[2]

3. The SBSTA noted the progress and the discussions among Parties regarding the technology framework at this session.

4. The SBSTA agreed to continue its elaboration of the technology framework, including its structure, at the second part of its forty-eighth session using the updated draft of the technology framework.[3]

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[1] Available at http://unfccc.int/resource/docs/2018/sbsta/eng/sbsta48.informal.1.pdf.

[2] FCCC/SBSTA/2017/7, paragraph 42.

[3] Available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-9 (version of 8 May 2018).

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Agenda item 3
Nairobi work programme on impacts, vulnerability and adaptation to climate change

Nairobi work programme on impacts, vulnerability and adaptation to climate change

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) welcomed the progress, highlighted by the following documents and activities, in implementing activities under the Nairobi work programme on impacts, vulnerability and adaptation to climate change (NWP) under the overall guidance of the SBSTA Chair:

(a) The report on progress in implementing activities under the NWP;[1]

(b) The synthesis report summarizing the outcomes of the work undertaken under the NWP since SBSTA 44;[2]

(c) The synthesis report on human settlements and adaptation, containing key findings and ways forward, prepared in collaboration with experts and expert organizations;[3]

(d) The side event on human settlements and adaptation held at this session, which provided a valuable opportunity for knowledge-sharing with expert practitioners and the co-production of usable knowledge products and led to an action pledge by ICLEI – Local Governments for Sustainability to convene an annual meeting on cities and climate change science.[4]

2. The SBSTA welcomed the mobilization of global and regional partners to identify, communicate and bridge priority knowledge gaps in six subregions as part of the pilot phase of the Lima Adaptation Knowledge Initiative (LAKI).[5]

3. The SBSTA recognized the contributions of the NWP and its partner organizations to the work of the Adaptation Committee and the Least Developed Countries Expert Group

[1] FCCC/SBSTA/2018/INF.1.
[2] FCCC/SBSTA/2018/2.
[3] FCCC/SBSTA/2018/3.
[4] See http://www4.unfccc.int/sites/nwp/Pages/item.aspx?ListItemId=28633&ListUrl=/sites/nwp/Lists/MainDB.
[5] LAKI is a joint action pledge under the NWP between the secretariat and the United Nations Environment Programme, through its Global Adaptation Network. See http://www4.unfccc.int/sites/nwp/Pages/item.aspx?ListItemId=23181&ListUrl=/sites/nwp/Lists/MainDB.

(LEG), demonstrating the unique ability of the NWP to provide relevant technical information in response to emerging knowledge needs.

4. Having reviewed the NWP at this session,[6] the SBSTA concluded that the NWP has successfully responded to its mandates, and encouraged it to continue enhancing its role as a knowledge-for-action hub for adaptation and resilience with a view to further improving the relevance and effectiveness of the NWP in the light of the Paris Agreement.

5. The SBSTA welcomed the next phase of LAKI, which is being undertaken with a view to narrowing the priority adaptation knowledge gaps identified in the six subregions, and scaling up to additional subregions.

6. The SBSTA requested the secretariat to further encourage the ongoing engagement of NWP partner organizations in key thematic areas to drive forward activities that produce usable knowledge products, and catalyse action in response to identified knowledge needs, including in relation to:

(a) The process to formulate and implement national adaptation plans (NAPs), in cooperation with the LEG;

(b) Facilitating and enhancing national, regional and local adaptation actions, encouraging cooperation and coordination between regional and local stakeholders and improving the flow of information between the Convention process and national, regional and local activities, including through:

(i) Regional events and workshops organized in collaboration with NWP partner organizations and on the margins of events held by the secretariat, Parties, or NWP partner organizations, including NAP Expos, regional technical expert meetings on adaptation and the Global Adaptation Network Forums;

(ii) Enhancing the user-friendliness of the adaptation knowledge portal;

(iii) Utilizing online communication tools such as webinars, webcasts and social media channels.

7. The SBSTA invited the Adaptation Committee to facilitate collaboration through modalities in accordance with decision 2/CP.17 in order to provide advice on the delivery of NWP mandates that relate to the work programmes of constituted bodies, and on opportunities to align efforts with relevant bodies, workstreams and institutional arrangements, including in relation to the following:

(a) Exploring opportunities for engaging the NWP and its partner organizations in activities such as the technical examination process on adaptation and the Marrakech Partnership for Global Climate Action;

(b) Providing recommendations on enhancing the NWP as:

(i) The knowledge-for-action hub for adaptation and resilience serving relevant bodies and institutional arrangements under the Convention, as appropriate and as requested;

(ii) The intermediary between the Parties and experts to help the Parties to better define their knowledge needs and to help experts to better respond to those needs within the framework of the Convention;

(c) Building on the adaptation knowledge portal, mapping and regularly tracking the activities of NWP partner organizations related to themes and activities under the NWP, and the activities of organizations engaged in the technical examination process on adaptation and the Marrakech Partnership for Global Climate Action with a view to suggesting ways to enhance coherence and avoid duplication of efforts undertaken;

(d) Enhancing coherence between the adaptation work under the NWP with the goals and objectives of other global frameworks such as the 2030 Agenda for Sustainable Development and the Sendai Framework for Disaster Risk Reduction 2015–2030;

[6] In accordance with decision 17/CP.19, paragraph 13(c), and document FCCC/SBSTA/2017/7, paragraph 23.

(e) Identifying the themes of the 13th and subsequent NWP Focal Point Forums;

(f) Reporting on progress on the activities referred to in paragraph 7(a–e) above through its annual report.

8. The SBSTA requested the secretariat to continue seeking opportunities for continuous engagement with relevant NWP partner organizations and other organizations in order to enable the provision of expert guidance in existing[7] and future thematic areas according to needs of the Parties, building on experience, partnerships formed and knowledge generated under the NWP.

9. The SBSTA concluded that future NWP thematic areas[8] should focus on emerging issues in relation to climate change such as:

(a) Extreme weather events such as heatwaves, flash floods, sand and dust storms, cyclones and heavy precipitation;

(b) Oceans, coastal areas and ecosystems, including mega deltas, coral reefs and mangroves;

(c) Drought, water scarcity and land degradation neutrality;

(d) Agriculture and food security;

(e) Slow onset events;

(f) Forests and grasslands;

(g) Wetlands;

(h) Rural systems and communities;

(i) Cities/urban systems;

(j) Livelihood and socioeconomic dimensions in relevant sectors such as tourism.

10. The SBSTA invited the NWP and partner organizations to facilitate the compilation and dissemination of information on monitoring tools and assessment methods to assist Parties, in particular developing country Parties, in accordance with decision 2/CP.11, on the following:

(a) Methods, tools, data, observations and systems for economic, ecosystems and climate modelling, scenarios, inter alia related to vulnerability and climate risk assessment;

(b) Mobilization of knowledge resources, in collaboration with relevant organizations.

11. The SBSTA requested the secretariat to organize the 12th NWP Focal Point Forum in conjunction with SBSTA 49 (December 2018) on the topic of economic diversification.

12. The SBSTA expressed its appreciation to the Governments of Canada and Japan and the European Union for providing financial support for the implementation of activities under the NWP.

13. The SBSTA invited Parties, NWP partner organizations and other relevant organizations to provide financial and in-kind support, as appropriate, for the implementation of activities under the NWP.

14. The SBSTA took note of the estimated budgetary implications of the activities to be undertaken by the secretariat, referred to in paragraphs 5–11 above, and requested that the

[7] Including health, human settlements, ecosystems and water, economic diversification and indicators of climate adaptation and resilience.

[8] The work of the Intergovernmental Panel on Climate Change (IPCC) in its sixth assessment cycle may be of particular relevance to issues listed in this paragraph, including the following IPCC special reports due in 2019: *Special Report on the Ocean and Cryosphere in a Changing Climate* and *Climate Change and Land: An IPCC Special Report on Climate Change, Desertification, Land Degradation, Sustainable Land Management, Food Security, and Greenhouse Gas Fluxes in Terrestrial Ecosystems*.

actions of the secretariat called for in these conclusions be undertaken subject to the availability of financial resources.

15. The SBSTA concluded that henceforth it would consider matters related to the NWP at its first regular session of the year, and requested the secretariat, under the guidance of the Chair of the SBSTA, to prepare a concise annual report with an executive summary on progress in implementing activities under the NWP for consideration by the SBSTA at those sessions.

16. The SBSTA also concluded that it would take stock of the operational and institutional modalities of the NWP at SBSTA 56 (June 2022) with a view to assessing the performance and effectiveness of the NWP at addressing knowledge needs relevant to the implementation of the Paris Agreement, and that it would determine the modalities of the stocktake at SBSTA 54 (May–June 2021).

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Agenda item 13
Modalities for the accounting of financial resources provided and mobilized through public interventions in accordance with Article 9, paragraph 7, of the Paris Agreement

Modalities for the accounting of financial resources provided and mobilized through public interventions in accordance with Article 9, paragraph 7, of the Paris Agreement

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) welcomed the work on the modalities for the accounting of financial resources provided and mobilized through public interventions in accordance with Article 9, paragraph 7, of the Paris Agreement, as reflected in the informal note by the co-chairs of the contact group on this matter.[1]

2. The SBSTA agreed to continue its work on this matter at the second part of its forty-eighth session, building on, but not limited to, the informal note referred to in paragraph 1 above, views and submissions made and to forward the outcomes to the Conference of the Parties (COP) for consideration at its twenty-fourth session (December 2018) with a view to the COP making a recommendation for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement at its first session (December 2018).

3. The SBSTA requested its Chair to continue consultations with the Co-Chairs of the Ad Hoc Working Group on the Paris Agreement (APA) with a view to avoiding overlap and duplication and ensuring the timely incorporation of the modalities for the accounting of financial resources provided and mobilized through public interventions developed by the SBSTA into the modalities, procedures and guidelines to be developed by the APA under its agenda item 5, "Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement".

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[1] Available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-26.

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Agenda item 7
Local communities and indigenous peoples platform

Local Communities and Indigenous Peoples Platform

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) acknowledged the fruitful exchange that took place during the in-session multi-stakeholder workshop on implementing the functions of the Local Communities and Indigenous Peoples Platform.[1]

2. The SBSTA noted with appreciation the support provided by the Nordic Council of Ministers for work under the platform and the support provided by Canada for the workshop referred to in paragraph 1 above.

3. The SBSTA agreed to continue consideration of this matter at SBSTA 49 (December 2018) on the basis of the draft decision text proposed by the co-facilitators of the informal consultations on this agenda item.[2]

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[1] See https://unfccc.int/topics/local-communities-and-indigenous-peoples-platform/events-and-meetings/workshops-meetings/multi-stakeholder-workshop-on-the-local-communities-and-indigenous-peoples-platform.

[2] Available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-11.

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Agenda item 6
Research and systematic observation

Research and systematic observation

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) noted with appreciation the activities and information reported in the statements[1] delivered by the representatives of the Global Climate Observing System, the Intergovernmental Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization (IOC-UNESCO), the Intergovernmental Panel on Climate Change (IPCC), UN-Oceans, the World Climate Research Programme (WCRP) and the World Meteorological Organization.

2. The SBSTA welcomed the summary report on the ninth meeting of the research dialogue prepared by the SBSTA Chair.[2]

3. The SBSTA noted the views and considerations submitted by Parties[3] on possible topics for the tenth and future meetings of the research dialogue. It also noted the information note on the tenth meeting of the research dialogue (RD 10) prepared by the SBSTA Chair.[4]

4. The SBSTA welcomed RD 10, held on 3 May 2018, its aim to promote discussion at the science–policy interface and its four themes:

(a) Science for understanding – update on research and modelling on human settlements, oceans and land and their importance for the implementation of the Paris Agreement;

(b) Science for action – strengthening the link between the research community and action to meet the goals of the Paris Agreement;

(c) Renewable energy economics and co-benefits;

(d) Global research on the carbon cycle and its observation requirements in support of the Paris Agreement.

[1] Available at https://unfccc.int/submissions_and_statements.
[2] Available at https://unfccc.int/sites/default/files/researchdialogue_2017_2_summaryreport.pdf.
[3] As footnote 1 above.
[4] The information note, agenda, presentations and other information related to RD 10 are available at https://unfccc.int/event/tenth-meeting-of-the-research-dialogue-rd-10.

5. The SBSTA expressed its appreciation to Parties and all participating research programmes and organizations and their representatives for their contributions to RD 10. It welcomed the diverse and informative set of posters and presentations at the meeting and the value of the dialogue and the exchange of information.

6. The SBSTA acknowledged the ongoing efforts of the IPCC in the sixth assessment cycle[5] and recalled decision 1/CP.23.[6]

7. The SBSTA noted the importance of the progress of the WCRP Coupled Model Intercomparison Project Phase 6 for the AR6[7] and the WCRP Coordinated Regional Downscaling Experiment[8] for climate services.

8. The SBSTA also noted the important work of the scientific community, including at the CitiesIPCC Cities and Climate Change Science Conference,[9] on understanding the complex role played by cities in strengthening the global response to climate change.

9. The SBSTA further noted the importance of the work of the scientific community and the IPCC under the themes of RD 10 referred to in paragraph 4 above. It encouraged Parties and relevant organizations to address gaps and needs with regard to:

(a) Increasing open access to climate-relevant data;

(b) The vulnerabilities of terrestrial, marine, coastal and urban ecosystems to climate change and the value of ecosystem-based approaches, particularly synergies of mitigation and adaptation action and related co-benefits;

(c) The rapid changes in the renewable energy landscape and the implications for the assessment of mitigation options and their co-benefits;

(d) The role of the ocean in the global climate system, including for the global energy balance and carbon cycle, and impacts related to, inter alia, ocean acidification, sea level rise and ecosystem services, noting the proclamation by the United Nations of the United Nations Decade of Ocean Science for Sustainable Development (2021–2030), which is to be coordinated by IOC-UNESCO;[10]

(e) The recent and ongoing rapid changes in the Arctic region;

(f) The analysis of the global carbon cycle;[11]

(g) Research, as identified under other agenda items and by constituted bodies[12] under the Convention.[13]

10. The SBSTA noted the urgency for enhanced science communication.[14] It welcomed the work of the scientific community on science communication, including some examples reported at RD 10, to support action under the Paris Agreement.

11. The SBSTA noted the importance of regional institutions and networks and the importance of providing and exchanging knowledge at the regional, national and local

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[5] Including on the special reports *Oceans and Cryosphere in a Changing Climate*, *Climate Change and Land*, and *Global Warming of 1.5 °C* (SR 1.5), the *2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories* and the IPCC Sixth Assessment Report; see http://www.ipcc.ch/activities/activities.shtml.

[6] See references to the IPCC SR 1.5 in annex II to this decision.

[7] See https://www.wcrp-climate.org/wgcm-cmip/wgcm-cmip6.

[8] See http://www.cordex.org/.

[9] See http://citiesipcc.org/.

[10] See http://en.unesco.org/ocean-decade.

[11] See footnote 4 above and https://www.globalcarbonproject.org.

[12] See https://unfccc.int/node/15859.

[13] Including under the Nairobi work programme on impacts, vulnerability and adaptation to climate change (see https://unfccc.int/nwp) and its Lima Adaptation Knowledge Initiative (see http://www4.unfccc.int/sites/NWP/News/Pages/LAKI-methodology.aspx) and the Local Communities and Indigenous Peoples Platform (see https://unfccc.int/node/65106).

[14] See the information from RD 10 on theme 2 (see https://unfccc.int/event/tenth-meeting-of-the-research-dialogue-rd-10) and activities under Action for Climate Empowerment (see https://unfccc.int/node/10596).

level. The SBSTA also noted that regional initiatives on science communication would be valuable, organized in close collaboration with regional research organizations and networks and other relevant stakeholders, subject to the availability of financial resources. It urged Parties to continue to engage with the scientific community.

12. The SBSTA encouraged Parties to support transdisciplinary research to enable engagement of the scientific community with the policy community and other relevant stakeholders and communities for informed actions under the Paris Agreement.

13. The SBSTA noted the importance of indigenous and traditional knowledge[15] in relevant aspects of scientific data and research, and in communication at the science–policy interface.

14. The SBSTA recognized the importance of continued and enhanced support for climate change research, including enhancing research capacity, particularly in developing countries.

15. The SBSTA requested its Chair to produce a summary report on RD 10 and to make it available prior to SBSTA 50 (June 2019).

16. The SBSTA invited Parties to submit their views on possible topics and considerations for the meetings of the research dialogue to be held in conjunction with SBSTA 50 and beyond via the submission portal[16] by 15 January 2019. Submissions should take into account the themes addressed and presentations made at previous research dialogue meetings and the themes suggested for future meetings, which are listed in the annex to the information note referred to in paragraph 3 above.

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[15] Including that identified under the Local Communities and Indigenous Peoples Platform; see https://unfccc.int/node/65106.

[16] https://unfccc.int/submissions_and_statements.

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Framework Convention on Climate Change

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Subsidiary Body for Scientific and Technological Advice
Forty-eighth session
Bonn, 30 April to 10 May 2018

Agenda item 12(a)
Matters relating to Article 6 of the Paris Agreement
Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement

Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA), pursuant to decision 1/CP.21, paragraph 36, continued to elaborate the guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement.

2. The SBSTA took note of the informal document containing draft elements of the guidance on cooperative approaches prepared by the SBSTA Chair[1] in response to the request at SBSTA 47[2] and the revised informal note prepared by the co-chairs of the contact group on this agenda sub-item.[3]

3. The SBSTA agreed to continue the discussions at the second part of its forty-eighth session on the basis of the revised informal note referred to in paragraph 2 above, noting that the revised informal note does not represent a consensus or reflect all the views of Parties.

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[1] SBSTA48.Informal.2, available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-23.

[2] FCCC/SBSTA/2017/7, paragraph 91.

[3] Revised informal note containing draft elements of the guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement, available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-23.

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Agenda item 12(b)
Matters relating to Article 6 of the Paris Agreement
Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement

Rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA), pursuant to decision 1/CP.21, paragraph 38, continued to elaborate the rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement.

2. The SBSTA took note of the informal document containing draft elements of the rules, modalities and procedures for the mechanism prepared by the SBSTA Chair[1] in response to the request at SBSTA 47[2] and the revised informal note prepared by the co-chairs of the contact group on this agenda sub-item.[3]

3. The SBSTA agreed to continue the discussions at the second part of its forty-eighth session on the basis of the revised informal note referred to in paragraph 2 above, noting that the revised informal note does not represent a consensus or reflect all the views of Parties.

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[1] SBSTA48.Informal.3, available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-24.

[2] FCCC/SBSTA/2017/7, paragraph 97.

[3] Revised informal note containing draft elements of the rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, of the Paris Agreement, available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-24.

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Agenda item 12(c)
Matters relating to Article 6 of the Paris Agreement
Work programme under the framework for non-market approaches referred to in Article 6, paragraph 8, of the Paris Agreement

Work programme under the framework for non-market approaches referred to in Article 6, paragraph 8, of the Paris Agreement

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA), pursuant to decision 1/CP.21, paragraph 40, continued to elaborate the draft decision on the work programme under the framework for non-market approaches referred to in Article 6, paragraph 8, of the Paris Agreement.

2. The SBSTA took note of the informal document containing draft elements of the draft decision on the work programme prepared by the SBSTA Chair[1] in response to the request at SBSTA 47[2] and the revised informal note prepared by the co-chairs of the contact group on this agenda sub-item.[3]

3. The SBSTA agreed to continue the discussions at the second part of its forty-eighth session on the basis of the revised informal note referred to in paragraph 2 above, noting that the revised informal note does not represent a consensus or reflect all the views of Parties.

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[1] SBSTA48.Informal.4, available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-25.

[2] FCCC/SBSTA/2017/7, paragraph 103.

[3] Revised informal note containing draft elements of the draft decision on the work programme under the framework for non-market approaches referred to in Article 6, paragraph 8, of the Paris Agreement, available at https://unfccc.int/process-and-meetings/conferences/bonn-climate-change-conference-april-2018/sessions/sbsta-48#eq-25.

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